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NOTICE OF ALLOWANCE AND FEE(S) DUE

24498

7590

05/20/2009

Thomson Licensing LLC P.O. Box 5312 Two Independence Way PRINCETON, NJ 08543-5312

EXAMINER				
DUONG, DIEU HIEN				
ART UNIT PAPER NUMBER				
2821				

DATE MAILED: 05/20/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/564,929	09/11/2006	Franck Thudor	PF 030121	2337

TITLE OF INVENTION: DIVERSITY RECEPTION SLOTTED FLAT-PLATE ANTENNA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	08/20/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

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If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

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Thomson Lice P.O. Box 5312 Two Independen		State	reby certify that the es Postal Service vessed to the Mail	is Fee(vith suf Stop	e of Mailing or Trans (s) Transmittal is bein efficient postage for fir ISSUE FEE address (1) 273-2885, on the co	g deposi st class 1 above,	ted with the United mail in an envelope or being facsimile		
PRINCETON, I	NJ 08543-5312								(Depositor's name)
									(Signature)
									(Date)
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nonprovisional	NO	\$1510	\$300		\$0	\$1810		08/20/2009	08/20/2009
EXAM	MINER	ART UNIT	CLASS-SUBCLASS	3					
DUONG, I	DIEU HIEN	2821	343-7000MS						
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			registered attorney or agent) and the names of up to						
PLEASE NOTE: Un recordation as set for (A) NAME OF ASSI	tless an assignee is ident th in 37 CFR 3.11. Com GNEE	A TO BE PRINTED ON iffied below, no assignee pletion of this form is NO assignment of the categories (will not be properties).	data will appear on t T a substitute for filin (B) RESIDENCE: (G	he pa g an a	ntent. If an assign assignment. and STATE OR C	COUNT	TRY)		
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NOTE: The Issue Fee ar	nd Publication Fee (if req	uired) will not be accepte ites Patent and Trademark	d from anyone other tl						
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This collection of inform	nation is required by 37 C	CFR 1.311. The information	on is required to obtain	or r	etain a benefit by t	he pub	lic which is to file (an	d by the	USPTO to process)
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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)		
Nation of Allowshills	10/564,929	THUDOR ET AL.		
Notice of Allowability	Examiner	Art Unit		
	DIEU HIEN T. DUONG	2821		
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this or other appropriate communica IGHTS. This application is subje	application. If not included tion will be mailed in due course. THIS		
1. This communication is responsive to 04/22/2009.				
2. ☑ The allowed claim(s) is/are <u>1-3 and 5-10</u> .				
3. Acknowledgment is made of a claim for foreign priority unas All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Certified copies not received: * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a)). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a). * Certified copies of the priority documents have 17.2(a).	e been received. e been received in Application Note been received in Application Note been received in the of this communication to file a report of this application. Initiated. Note the attached EXAMIN es reason(s) why the oath or decist be submitted. Is son's Patent Drawing Review (Process of the communication of the communication to the decision of the communication of the decision of the communication of the decision of	nis national stage application from the ply complying with the requirements ER'S AMENDMENT or NOTICE OF laration is deficient. FO-948) attached e Office action of laratings in the front (not the back) of 21(d).		
DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT Attachment(s)				
1. ☐ Notice of References Cited (PTO-892)	5. Notice of Informa	al Patent Application		
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summ			
3. ☐ Information Disclosure Statements (PTO/SB/08),	Paper No./Mail 7.	ndment/Comment		
Paper No./Mail Date4.	8 🕅 Examiner's State	ement of Reasons for Allowance		
of Biological Material	9. ☐ Other			
/Trinh Vo Dinh/				
Primary Examiner, Art Unit 2821				

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DETAILED ACTION

1. This office action is a response to applicant's amendment filed 04/22/2009. In virtue of this amendment, claim 4 is canceled; thus, claims 1-3 and 5-10 are currently in the instant application.

Terminal Disclaimer

2. The terminal disclaimer filed on 11/03/2008 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of 7,027,001 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Allowable Subject Matter

- 3. Claims 1-3, and 5-10 are allowed.
- 4. The following is an examiner's statement of reasons for allowance:

Prior art fails to disclose a planar antenna with diversity of radiation realised on a substrate comprising a slot of closed shape dimensioned to operate on a mode higher than a fundamental mode and a first feed-line coupled in zone of the slot forming first open circuit and a second feed line placed at a distance $d = (2n+1)(\lambda s/4)$ from said first line, where n is an integer greater than or equal to zero, said second feed line being coupled in a zone of the slot forming a first short-circuit; said antenna further comprising means for selecting for an access either the first feed line, producing in the directions of main radiation a first radiation pattern, or the second feed line, producing in the directions of main radiation a second radiation pattern, said second radiation pattern being complementary of the first radiation pattern; or said each feed-line is coupled

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magnetically to the slot according to a tangential line-slot transition, in combination with the remaining claimed limitation as in claims 1 and 10 (claims 2-3 and 5-9 are allowed since they are dependent on claim 1).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Inquiry

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIEU HIEN T. DUONG whose telephone number is (571)272-8980. The examiner can normally be reached on Monday - Friday, from 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Owens can be reached on 571-272-1662. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

05/11/2009 DD Au 2821

/Trinh Vo Dinh/ Primary Examiner, Art Unit 2821